



Tennessee Crop Weather

Tennessee Field Office • PO Box 41505 • Nashville, TN 37204 • (615) 781-5300 • www.nass.usda.gov

Issued Monday 3:00 PM; October 24, 2016

For the Week Ending October 23, 2016

DRY CONDITIONS PERSIST OVER MOST OF THE STATE

Though the State received light and scattered showers last week, it was not enough to relieve dry conditions that have stressed most of the State for months. Pastures are predominately parched and producers are still feeding hay and hauling water, causing deep concerns about shortages heading into the winter months. The dry conditions have helped farmers get their row crops out of the field but are all but halting winter wheat seedings. There were 6.0 days suitable for field work. Topsoil moisture was 29 percent very short, 38 percent short, 32 percent adequate, and 1 percent surplus. Subsoil moisture levels were 31 percent very short, 39 percent short, and 30 percent adequate.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2015	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
Percent					Percent					
Corn - Mature	100	100	100	100	Corn	2	8	27	46	17
Corn - Harvested	98	97	95	91	Soybeans	1	5	21	53	20
Cotton – Bolls Opening	99	99	97	93	Cotton	1	2	18	58	21
Cotton - Harvested	61	45	42	40	Pasture	27	30	29	12	2
Soybeans - Harvested	75	62	64	48	Tobacco	8	19	45	24	4
Tobacco – Cut	99	95	97	74	Winter Wheat	4	5	23	53	15
Winter Wheat - Planted	58	38	49	37						
Winter Wheat - Emerged	20	7	20	14						

County Agent Comments

Received a few scattered showers this week but not enough to relieve dry conditions. Crop harvest progressing rapidly for soybeans with cotton harvest in full swing. Yields reported are good.

Tim Campbell, Dyer County

Harvest continues at full speed in the county aided by dry warm weather. Corn harvest is mostly complete. I have spoken with some soybean producers who have experienced substantial yield loss due to SDS. Pastures are showing the effects of little rain, warm weather and some weed problems.

Kenny Herndon, Carroll County

The rain we received has helped tremendously with the pastures in the county. The grass is growing again.

Steve Rickman, Chester County

The farmers in Fayette County have been harvesting cotton and beans as fast as they can. Others have been planting a little wheat. Rain and a cold front moved in Thursday.

Jeff Via, Fayette County

Continued dry weather has allowed producers multiple continuous days of field work. Several producers have completed soybean harvest with others finishing over the next few days. Wheat seeding has occurred at a rapid pace. Some fall hay has been harvested with the above normal temperatures aiding in curing. Pastures are hurting with only minimal precipitation received on Thursday. Producers are making lime applications as well as doing bull dozer and track hoe work.

Jeff Lannom, Weakley County

Thursday's rain did not amount to much! Ranging from a trace to 1/4 inch, the rain did not provide much help. Livestock producers are hoping for November rains to come as early as possible. Soybean harvest is nearing completion and yields vary but, in general, look to be above average for most of the county. Some cattle producers are hauling water and many are feeding hay.

Richard Groce, Maury County

We got a half inch of rain on Thursday night but not near enough. We are extremely dry and pastures are non-existent. We are feeding hay and are out of water on a lot of farms. Harvest is almost over.

Larry Moorehead, Moore County

Giles County is extremely dry. Livestock producers are feeding hay with very little pasture available. Some producers hauling water. Ponds are very low. Some creeks barely running. Some reports of health issues such as respiratory problems with livestock due to dusty conditions. One report of a fire in a soybean field that burned up a dump truck.

Kevin Rose, Giles County

Drought is impacting fall pastures. No rainfall since mid-August and several producers are feeding hay due to lack of grass or to protect pastures from overgrazing. Hay supplies to get through winter are still considered adequate at this point. Drought conditions have prevented cool season annual/perennial seeding.

A. Ruth Correll, Wilson County

The first hint of rain in five weeks fell ahead of a cold front Thursday evening producing from 0.10 - 0.75 inch of rain. Most reporting less than a half inch while a very few isolated areas saw totals above a half inch. Temperatures were much more seasonable after the front while near record highs of near ninety degrees dominated the first half. Producers are wrapping up soybean harvest and preparing for wheat planting. Pastures are all but gone, causing producers having to increase hay feeding

Ed Burns, Franklin County

On Friday, the .05 to .15 inch of scattered rainfall did little to break the drought. Pastures are at a critical stage and several producers fear they may lose some 50 to 60 year old fescue stands to the drought. Virtually all planting of wheat and other winter annuals is on hold awaiting moisture.

John Wilson, Blount County

Concerns about hay supplies continue to mount.

Mannie Bedwell, Hamblen County

Rain showers missed us almost entirely.

Creig Kimbro, Grundy County

.10 inch of rain yesterday. Cover crop planting halted due to powder dry conditions. Combine fires due to overly dry crops. More blackleg deaths due to no pasture and calves nosing the powder dry soil. Lot of folks looking for hay to purchase.

John Goddard, Loudon County

Bad drought in Monroe County!

Jonathan Rhea, Monroe County

Very dry.

Chris Ramsey, Sullivan County

We saw some much needed rain on Thursday and Friday, which has help to green some places up but we have also had some nights get down in the 30's so we should see a frost before too long. Most all of the harvesting has taken place and what is left is some soybean fields that need to be harvested.

Keith Jacob Boone, Hancock County

TEMPERATURES AND PRECIPITATION
 For week ending: October 16, 2016 (with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION					
	Week Ending October 16, 2016				Current Week 10/16/2016	Rain Days	Current Since January 1	Departure From Normal January 1	Current Since April 1	Departure From Normal April 1
	HI	LO	AVG	DFN						
West										
Ames_Plantation	90	37	67	8	0.14	1	42.14	-2.41	23.79	-5.79
Bolivar_Wtr_Wks	89	36	66	8	0.02	1	40.11	-3.37	23.19	-5.75
Brownsville	89	38	68	9	0.00	0	48.82	7.09	26.70	-0.92
Covington_3SW	87	37	66	7	0.00	0	45.07	3.52	27.09	-0.39
Dresden	87	37	67	10	0.12	1	38.70	-5.12	24.18	-5.81
Dyersburg_AP	89	38	67	7	0.16	2	37.81	-1.64	23.70	-2.92
Henderson_4W	88	34	64	5	0.20	1	50.87	7.33	31.69	2.19
Huntingdon_Wate	88	36	67	13	0.07	1	41.88	-1.65	23.82	-5.37
Jackson_Exp_Stn	89	35	67	8	0.09	2	46.06	2.52	27.14	-2.36
Lexington_Ag	87	36	66	8	0.10	1	41.41	0.45	27.25	-0.21
Memphis_WFO	88	40	68	9	0.00	0	51.42	10.33	27.26	-0.17
Milan_Exp_Stn	90	34	67	12	0.00	0	39.14	-3.91	20.10	-9.01
Paris_2SE	88	30	65	9	0.22	2	45.44	2.50	28.07	-0.77
Selmer	89	35	66	8	0.01	1	37.98	-7.14	23.32	-6.30
Union_City_AP	90	36	67	11	0.19	2	40.32	-0.57	26.11	-1.92
Middle										
Bethpage_1S	89	34	63	6	0.16	1	40.80	-1.84	29.89	1.33
Carthage	91	33	64	8	0.50	1	37.00	-5.96	26.25	-2.43
Centerville_4NE	86	37	65	8	0.27	2	40.31	-2.77	27.41	-1.19
Cheatham_L_D	90	36	67	12	0.25	1	39.26	-2.25	27.04	-0.63
Clarksville_AP	89	38	67	10	0.17	2	46.84	5.61	33.47	6.10
Coalmont	86	30	62	6	0.46	1	38.77	-12.14	23.35	-9.40
Columbia_3WNW	87	36	64	8	0.14	1	33.66	-11.29	22.94	-6.57
Cookeville	91	37	66	10	0.21	1	38.27	-8.10	24.65	-5.93
Crossville_AP	85	34	63	9	0.27	1	34.87	-10.97	22.00	-8.12
Dover_1W	88	38	67	11	0.60	2	50.73	8.17	34.47	6.24
Fayetteville_Wt	89	36	66	9	0.48	2	49.43	4.84	32.43	4.30
Franklin	83	32	60	4	0.18	1	34.03	-9.11	22.62	-5.95
Hohenwald	87	37	64	7	0.13	1	40.56	-5.80	26.57	-3.85
Jamestown	86	33	62	8	0.86	1	40.79	-4.50	28.62	-2.07
Kingston_Spring	91	41	67	12	0.26	2	41.01	-0.59	28.64	0.97
Lobelville	89	35	65	9	0.32	1	45.29	-0.11	29.44	-0.53
Monteagle	85	36	62	6	0.20	1	38.90	-12.01	23.04	-9.71
Murfreesboro_5N	91	36	66	10	0.16	1	37.18	-6.95	25.13	-4.45
Nashville_Metro	91	40	68	10	0.36	1	34.25	-4.13	23.41	-2.30
Shelbyville_Wtr	89	39	65	7	0.98	1	38.95	-6.53	24.46	-5.29
Sparta_WWTP	90	34	65	8	1.10	1	40.23	-4.76	27.94	-1.35
Springfield_Exp	90	38	67	11	0.35	2	41.95	0.93	30.14	2.39
Tennessee_Ridge	89	37	66	10	0.21	2	46.40	1.47	30.91	1.01
Wartrace_6E	85	39	65	8	0.60	1	40.14	-7.50	27.09	-3.26
Waynesboro_Ag	89	35	67	11	0.22	2	42.76	-5.16	28.19	-3.29
East										
Athens	89	28	65	9	0.08	2	34.45	-12.75	20.95	-8.74
Chattanooga_Lov	90	40	68	10	0.08	1	25.58	-18.43	12.29	-15.11
Gatlinburg_2SW	83	34	60	6	0.95	2	32.22	-15.80	22.37	-10.80
Greeneville_Exp	86	33	62	10	0.31	2	30.33	-6.98	21.54	-4.32
Kingston_Ag	89	38	65	10	0.10	1	32.65	-15.80	18.85	-12.66
Knoxville_AP	88	39	66	9	0.14	2	32.15	-6.93	19.81	-5.37
Lenior_City	88	39	66	9	0.10	2	32.77	-9.91	19.48	-7.54
Morristown_Radi	86	35	63	7	0.21	1	27.21	-10.71	17.34	-7.66
Oak_Ridge	89	36	67	11	0.04	1	35.03	-8.97	20.66	-7.83
Roan_Mtn_2SE	79	29	57	9	0.54	2	28.61	-13.27	19.15	-9.67
Rogersville_1NE	86	39	63	8	0.71	2	32.61	-3.89	21.48	-3.11
Townsend_5S	82	32	61	7	0.86	2	38.73	-9.29	25.23	-7.94
Tri-City_RGNL_A	86	33	62	9	0.47	2	27.17	-7.15	18.93	-4.45

DFN = Departure from Normal (Using 1961-90 Normals Period). Rain Days = Days with precip of 0.01 inch or more during the week.
 Precipitation (rain or melted snow/ice) measured in inches.